

Figure 1

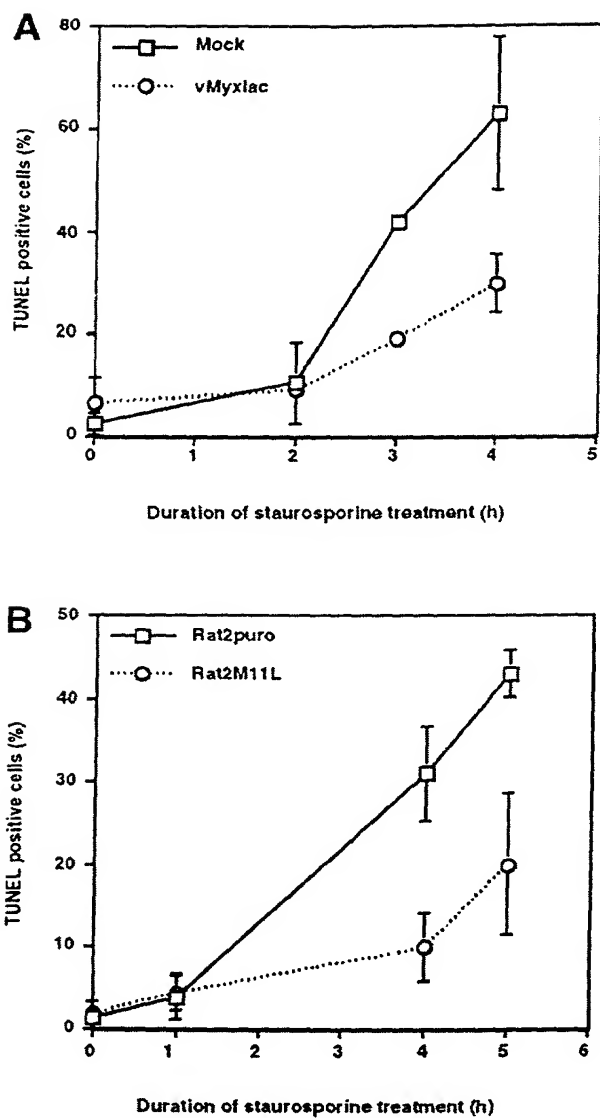


Figure 1 (con't)

C

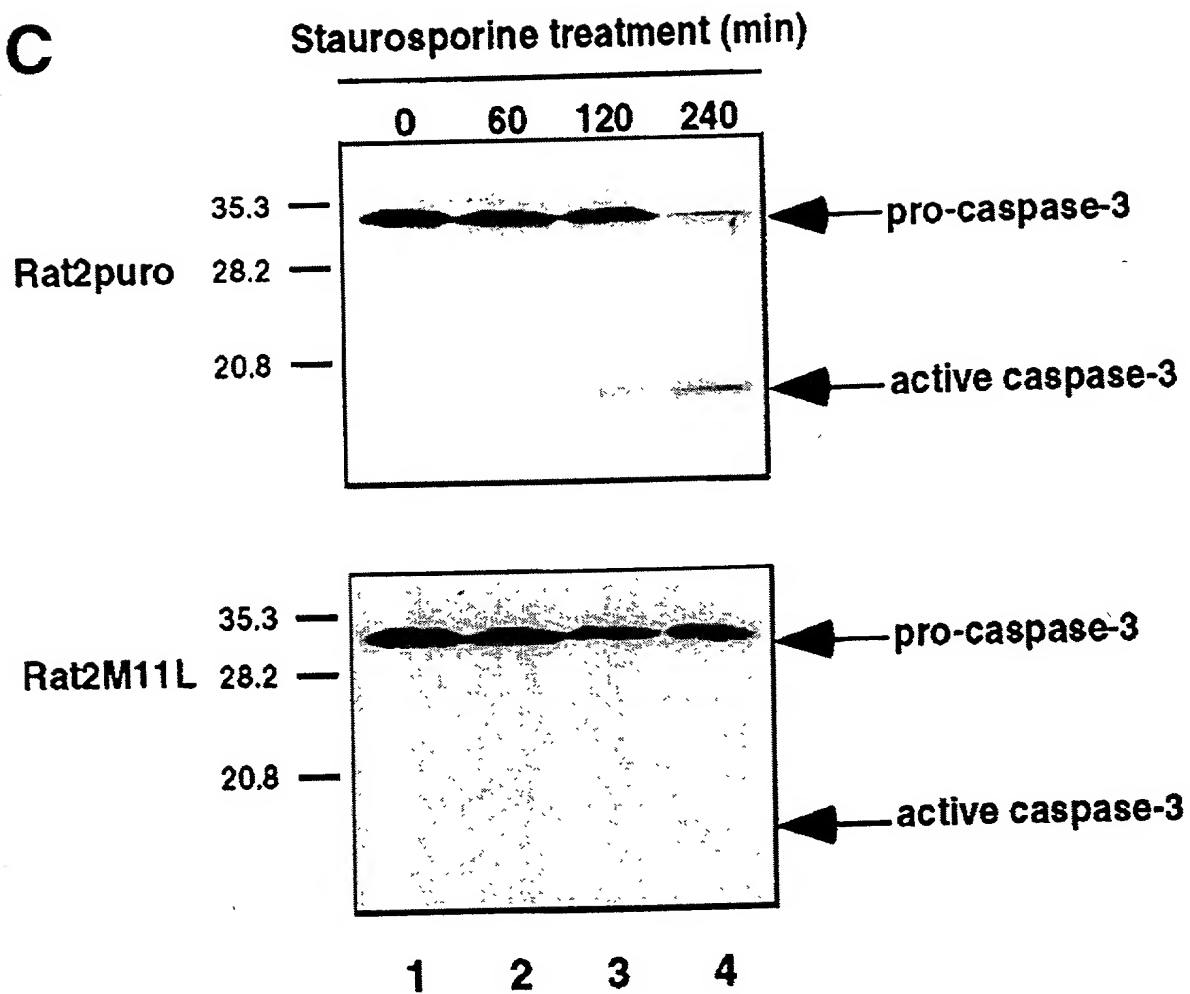


Figure 2

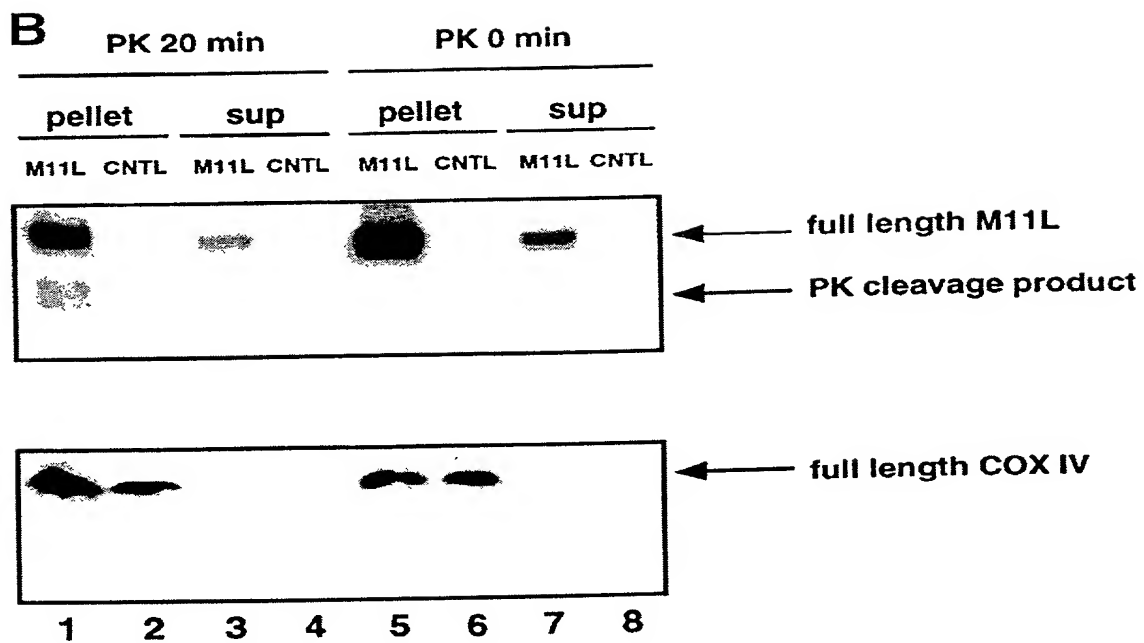
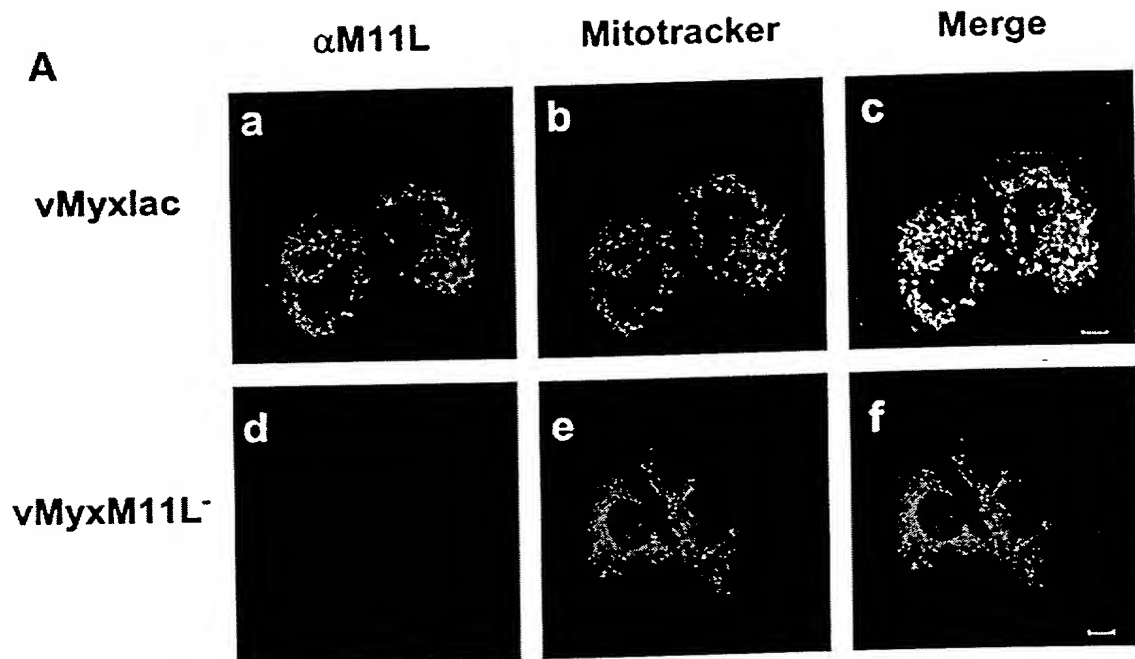
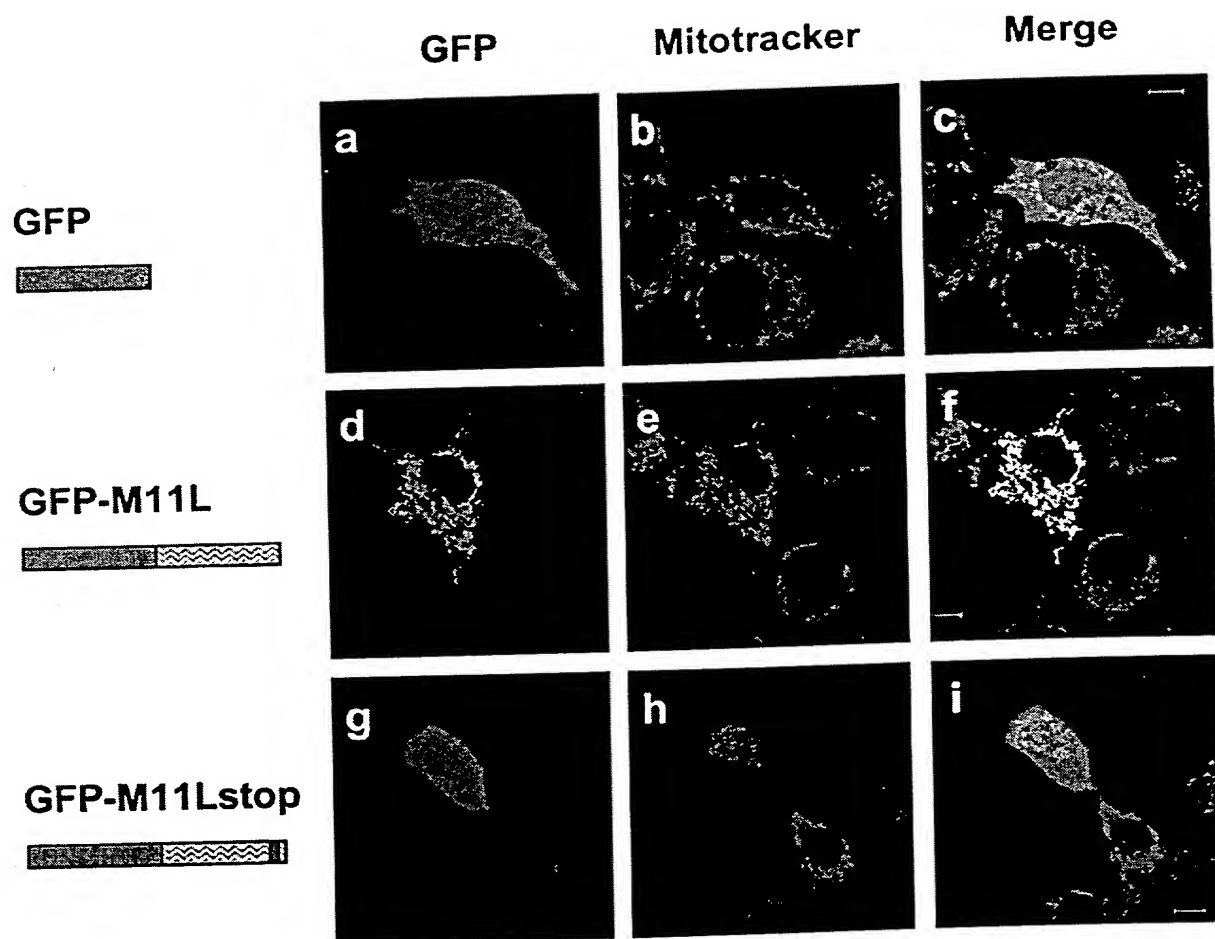


Figure 3



DATE	NAME	AMOUNT	DATE	NAME	AMOUNT
1890	1890	...	...
1891	1891	...	...
1892	1892	...	...
1893	1893	...	...
1894	1894	...	...
1895	1895	...	...
1896	1896	...	...
1897	1897	...	...
1898	1898	...	...
1899	1899	...	...
1900	1900	...	...



Figure 5

					domain is a mitochondrial targeting signal	domain is required for function
M11L	K	ISVYLTAADVGFVAYGIL	K	WYRGT	Y	Y
Bcl-2	K	TLLSLALVGACITLGAYLS	K	K	Y	Y/N
Bcl-X _L	K	WFLTGMTVAGVVLLGSLFS	K	K	Y	Y/N
Boc/Diva	K	LLIQAFLSGFFATAIFFIW	K	RL	?	?
CED-9	K	WSMIGAGVTAGAIGIVGVVCG	K	MMFSLK	?	?
BHRF-1	K	FSWTLFLAGLTLSLLVICSYLFIS	K	GRH	Y	Y
KSbc1-2	K	MTALLGSIALLATILAAVAMS	K	R	?	?
Nip3	K	VFLPSLLLSHLLAIGLGIYIG	K	RLTTSTSTF	Y	Y
Nix	K	VFIPSLFLSHVLALGLGIYIG	K	RLSTPSA	Y	Y

positive
charge

18-24 aa putative
membrane-spanning domain

positive
charge

positive
tail

Figure 6

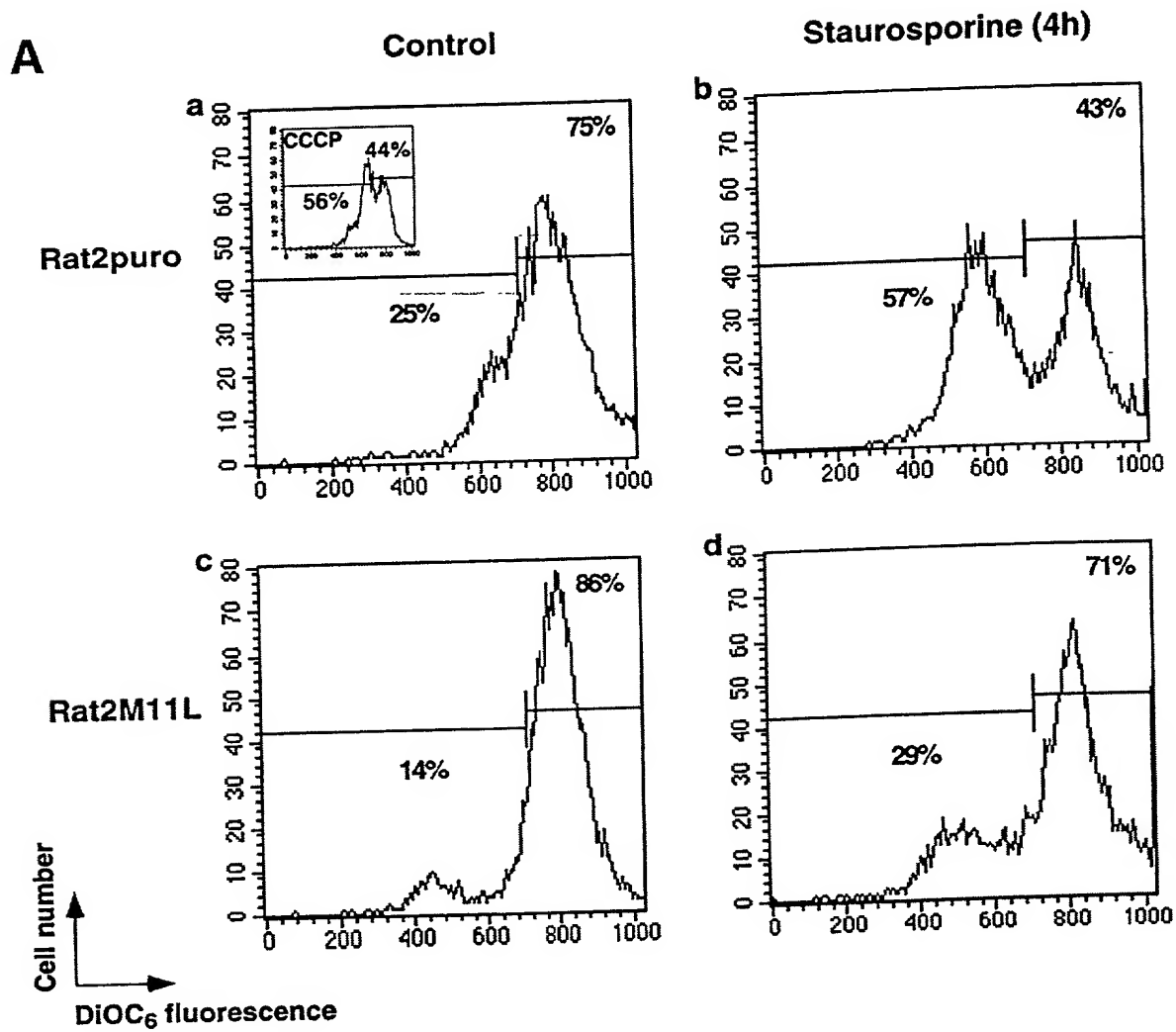
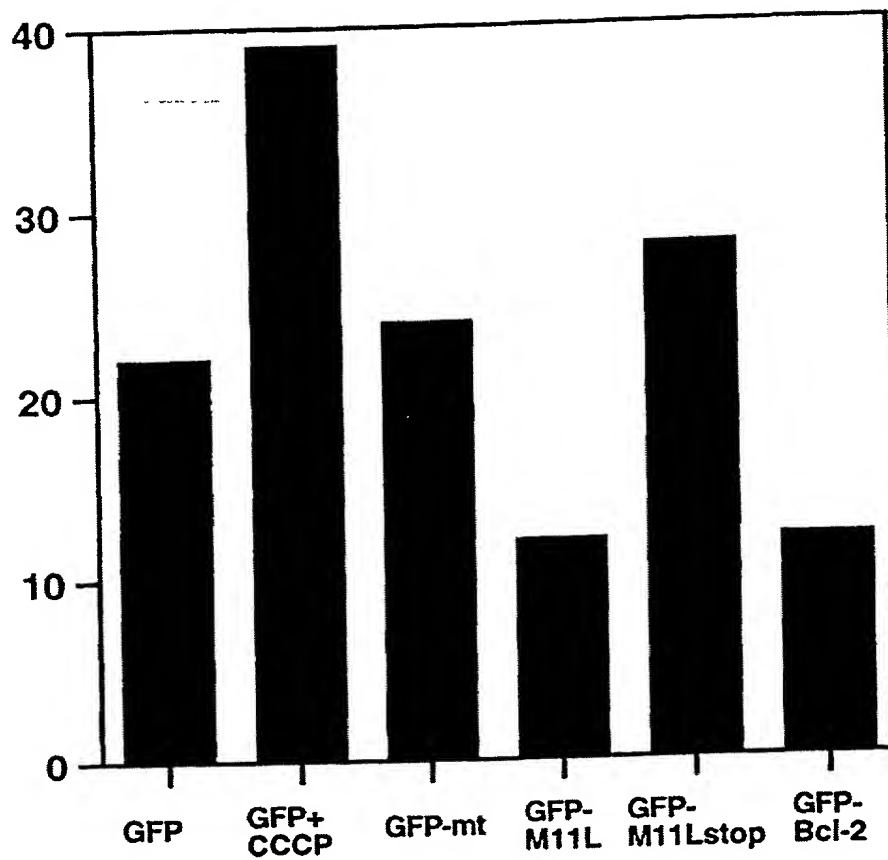


Figure 6 (con't)

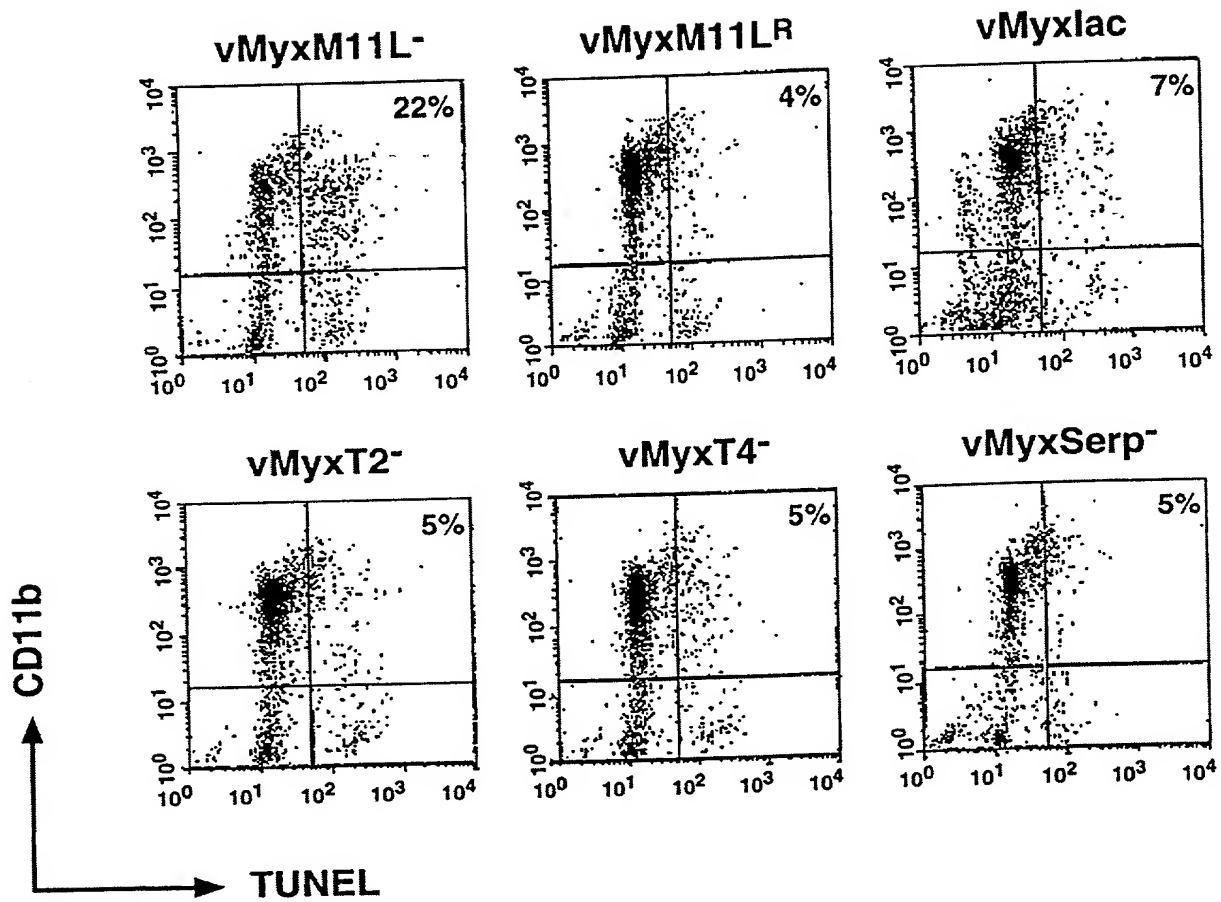
B

Average percent difference in TMRE positive cells following apoptosis induction



GFP construct expressed by cells

Figure 7



added: 04406001

Process to Identify M11L-interacting Proteins

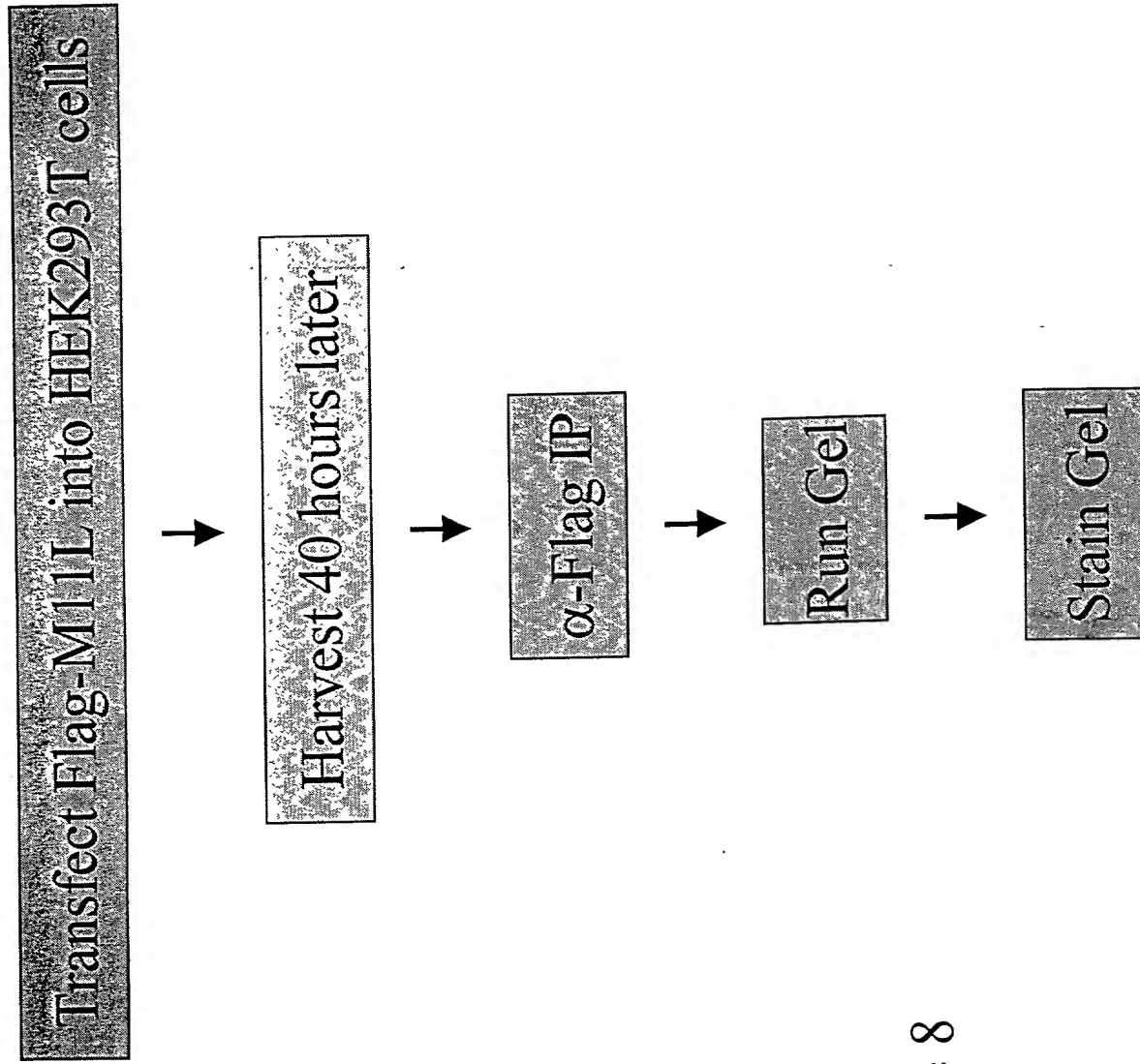
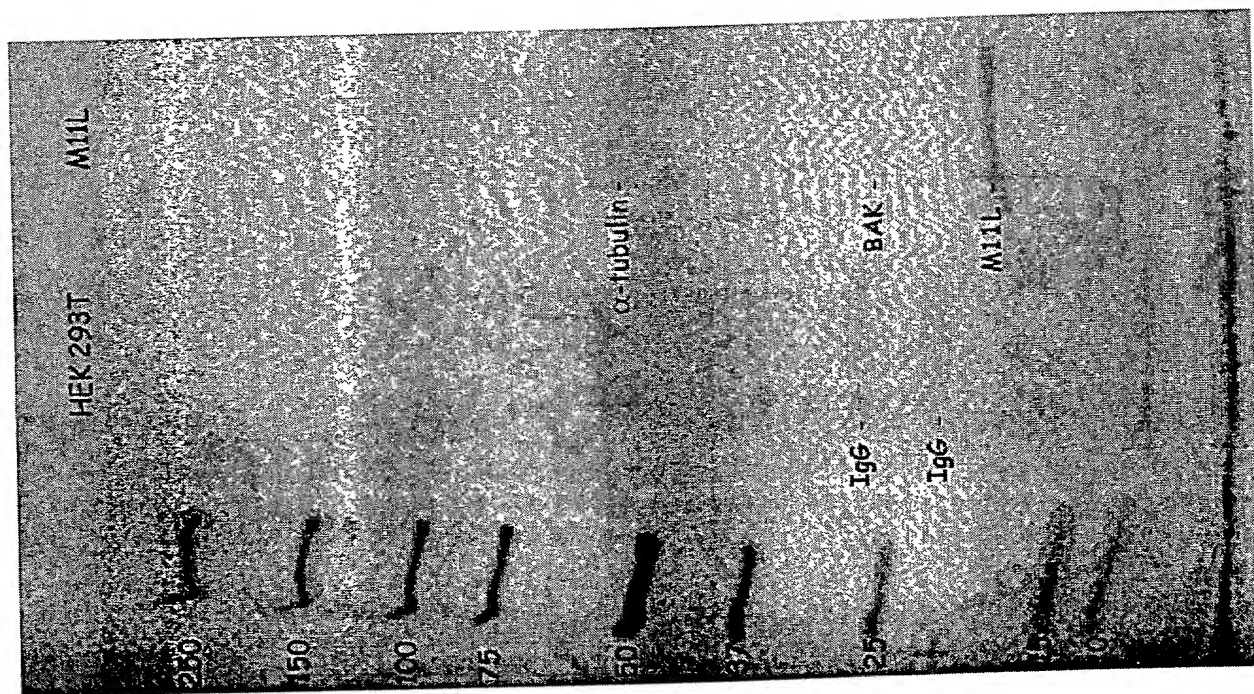


Figure 8



Excise Bands

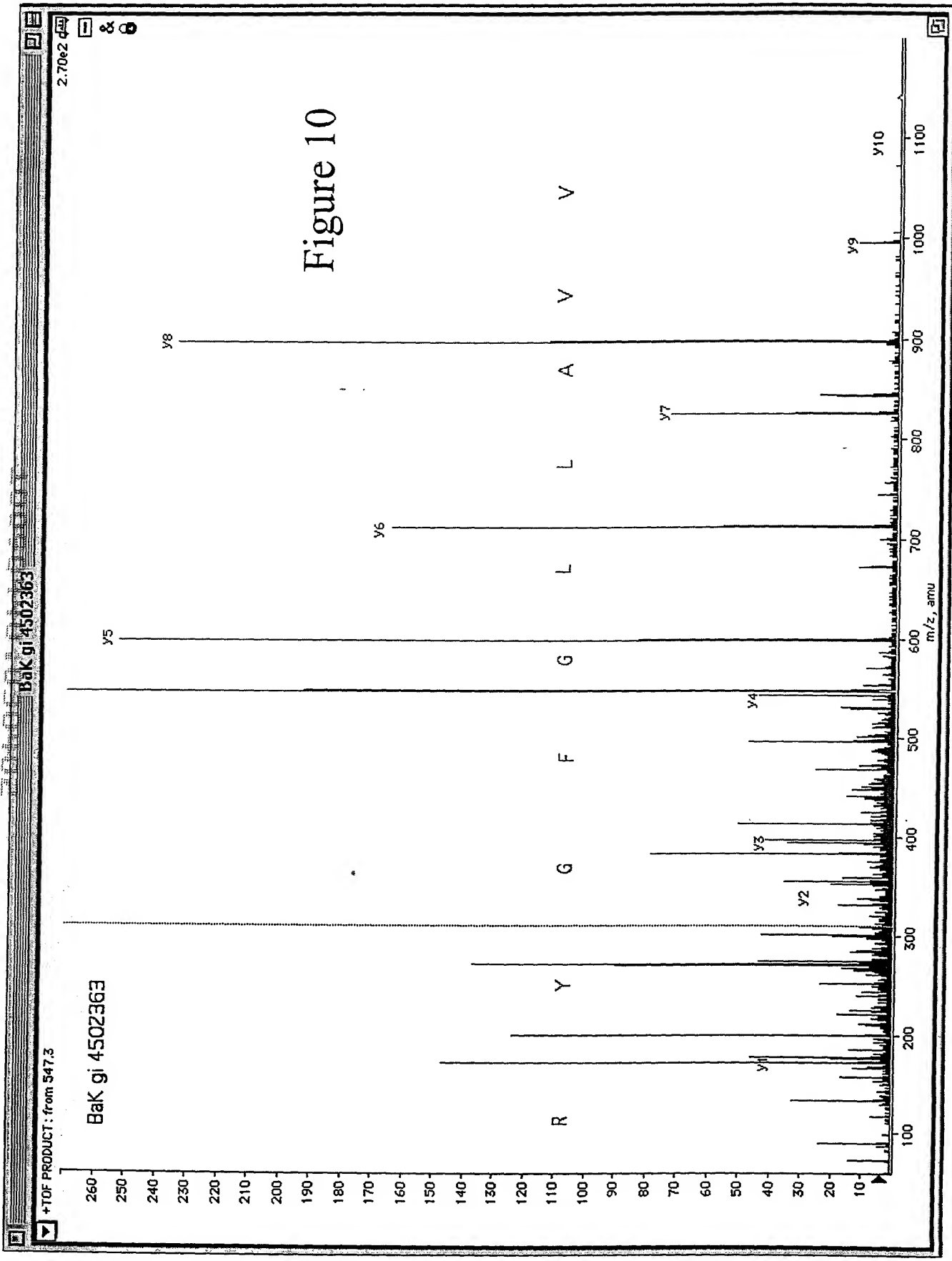


Digest Protein With Trypsin



Analyze Peptides by Mass Spec

Figure 9



Bak, a Bcl2 family member, was identified
by Mass Spec

MASGQGPGRQCEGPALPSASEEQVAQD
TEEVFRSYVFYRHQQEQEAEQVAAPADPEM
VTLPLQPSSTMGQVGR**QLAIIGDDIN**RRYD
SEFQTMLQLQPTAENAYEYFTK**IATSLFE**
SGINWGRVALLGFGYRLALHVYQH
GLTGFLGQVTRFVDFMLHHCIARWIAQRGGWVA
ALNLGNGPILNVLVLGVVLLGQFVVRFFKS

Figure 11